

LISTING OF THE CLAIMS:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1 1: (currently amended) A method for at least partially compensating luminance of an emissive
2 display comprising:

3 estimating the amount of degradation of one or more organic light emitting diodes

4 (OLEDs) included in said emissive display; and

5 adjusting the luminance of said one or more OLEDs based, at least in part, upon said

6 estimate;

7 wherein adjusting comprises adjusting the luminance so that said luminance

8 remains substantially constant substantially independent of the amount of degradation of

9 said one or more OLEDs.

1 2: (cancelled)

1 3: (currently amended) The method of claim 1[[2]], wherein estimating includes estimating a

2 characteristic substantially correlated with said degradation.

1 4: (original) The method of claim 3, wherein said estimating includes measuring the voltage

2 across said one or more OLEDs at a substantially constant current flow through said one or more

3 OLEDs.

1 5: (currently amended) The method of claim 1[[2]], wherein measuring said voltage across said
2 one or more organic light emitting diodes (OLEDs) includes measuring the reverse bias
3 resistance of said one or more OLEDs.

1 6: (currently amended) The method of claim 1[[2]], wherein adjusting includes adjusting the
2 amount of electrical energy applied to said one or more organic light emitting diodes (OLEDs).

1 7: (original) The method of claim 6, wherein adjusting includes increasing the voltage applied
2 across said one or more OLEDs.

b 1 8: (original) The method of claim 7, wherein increasing includes utilization of a lookup table.

1 9: (original) The method of claim 8, wherein said lookup table includes values such that the
2 luminance of said one or more organic light emitting diodes (OLEDs) achieved by the
3 adjustment essentially decreases over time.

1 10: (currently amended) The method of claim 1[[2]], wherein said method further comprises
2 adjusting the luminance of said one or more organic light emitting diodes (OLEDs) based, at
3 least in part, upon estimating the amount of degradation of one or more other organic light
4 emitting diodes (OLEDs).

1 11: (currently amended) An apparatus comprising:

2 one or more organic light emitting diodes (OLEDs);

3 a measurement circuit; and

4 a control system;

5 wherein said OLEDs, said measurement circuit and said control system are coupled so
6 that, during operation, said measurement circuit, estimates the amount of degradation of said one
7 or more OLEDs and said control system adjusts the luminance of said OLEDs, based at least in
8 part upon said estimated degradation; **and**

9 **wherein said control system is capable of adjusting the luminance so that said**
10 **luminance remains substantially constant substantially independent of the amount of**
11 **degradation of said one or more OLEDs.**

1 12: (cancelled).

1 13: (previously amended) The apparatus of claim 11, wherein the estimation of the amount of
2 degradation, made by said measurement circuit, includes an estimation of a characteristic
3 substantially correlated with said degradation.

1 14: (original) The apparatus of claim 13, wherein said measurement circuit is capable of
2 measuring the reverse bias resistance of said one or more organic light emitting diodes (OLEDs)
3 operating at a substantially constant current.

1 15: (currently amended) The apparatus of claim 11[[2]], wherein said control system is capable
2 of adjusting said luminance of said one or more organic light emitting diodes (OLEDs) by
3 adjusting the substantially instantaneous current through said OLEDs.

1 16: (original) The apparatus of claim 11[[2]], wherein said control system comprises a series of
2 data that correlates a desired luminance with the estimated degradation of said one or more
3 OLEDs.

1 17: (original) The apparatus of claim 16, wherein said control system utilizes said series of data
2 to adjust the luminance of said one or more OLEDs.

1 18: (original) The apparatus of claim 17, wherein said control system comprises a series of data
2 that correlates a desired luminance with the estimated degradation of said one or more OLEDs
3 such that said desired luminance decreases as said estimated degradation of said one or more
4 OLEDs increases.

1 19: (currently amended) The apparatus of claim 11[[2]], wherein said control system includes a
2 storage medium having a plurality of machine accessible instructions, wherein, when said
3 instructions are executed by said control system, the instructions provide for
4 utilizing a signal from said measuring circuit;
5 estimating a desired luminance for said OLEDs; and
6 adjusting the current applied to said OLEDs based at least in part upon said signal.

1 Claims 20 – 29: (withdrawn)
